

<b>PROJECT</b>	UMTRA GROUND WATER	<b>NORTH COORD. (FT)</b>	237922.42	<b>DATE DRILLED</b>	06/05/1990 to 06/06/1990
<b>LOCATION</b>	GREEN RIVER, UT	<b>EAST COORD. (FT)</b>	2387199.50	<b>SURFACE ELEV. ( FT NGVD)</b>	4138.30
<b>SITE</b>	GREEN RIVER	<b>HOLE DEPTH (FT)</b>	88.00	<b>TOP OF CASING (FT)</b>	4140.10
<b>WELL NUMBER</b>	0171	<b>WELL DEPTH (FT)</b>	88.00	<b>MEAS. PT. ELEV. (FT)</b>	4140.10
				<b>SLOT SIZE (IN)</b>	0.050
				<b>BIT SIZE(S) (IN)</b>	8.75 / 7.88 / 7.88
<b>WELL INSTALLATION</b>		<b>INTERVAL (FT)</b>			
<b>SURFACE CASING:</b>	8 in. Steel	0.0	to 4.0	<b>DRILLING METHOD</b>	AIR ROTARY
<b>BLANK CASING:</b>	4 in. PVC Sch 40	-1.8	to 76.0	<b>SAMPLING METHOD</b>	
<b>WELL SCREEN:</b>	4 in. Slotted PVC	76.0	to 86.0	<b>DATE DEVELOPED</b>	06/11/1990
<b>SUMP/END CAP:</b>	4 in. PVC Sch 40	86.0	to 88.0	<b>WATER LEVEL (FT BGS)</b>	56.7 on 06/06/1990
<b>SURFACE SEAL:</b>	Cement - Bentonite	0.0	to 2.0	<b>LOGGED BY</b>	Papusch, R.
<b>GROUT:</b>	Bentonite Grout	2.0	to 16.0	<b>REMARKS</b>	
<b>SEAL:</b>	Bentonite	16.0	to 59.0		
<b>UPPER PACK:</b>					
<b>LOWER PACK:</b>	8-12 Silica Sand	59.0	to 88.0		

DEPTH (FT BGL)	ELEV. (FT NGVD)	BLOW COUNTS	SAMPLE ID.	EXTENT	WELL DIAGRAM	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
					<p>Cement - Bentonite</p> <p>Steel</p> <p>PVC Sch 40</p> <p>Bentonite Grout</p>		0-5.0 ft. SANDY GRAVEL (GP); silty, medium to fine sand, poorly sorted, angular gravel, slight lime cement, slightly moist, brown/gray.
10	4130						5.0-9.0 ft. SAND (SW); medium sand, some coarse grained, fairly well sorted, some lime cement, slightly moist, brown.
							9.0-16.0 ft. DAKOTA SANDSTONE: fine to medium grained, quartzose, 10-15 % feldspar, minor mica, medium soft and friable, light tan.
20	4120						16.0-88.0 ft. CEDAR MOUNTAIN FORMATION: 16-29 ft. LIMESTONE; slightly silty, thinly bedded, medium soft, light gray, interbedded with shale - fissile, moderately soft, light brown to green, slightly calcareous.
30	4110						29.0-31.0 ft. SILTY LIMESTONE; thinly bedded, medium soft to moderately hard, light gray, calcareous.
							31.0-39.0 ft. LIMESTONE INTERBEDDED WITH SHALE; slightly silty, thinly bedded, medium soft, light gray.
40	4100				<p>Bentonite</p>		39.0-60.0 ft. SHALE; fissile, moderately hard, light gray, calcareous.
	4090						

# MONITORING WELL COMPLETION LOG GRN01-0171

<b>PROJECT</b> <u>UMTRA GROUND WATER</u>	<b>WELL NUMBER</b> <u>0171</u>
<b>SITE</b> <u>GREEN RIVER</u>	<b>DATES DRILLED</b> <u>06/05/1990 to 06/06/1990</u>

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DEPTH (FT BGL)	ELEV. (FT NGVD)	BLOW COUNTS	SAMPLE ID.	EXTENT	WELL DIAGRAM	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
60	4080						60.0-65.0 ft. SILTSTONE; moderately hard, calcareous, light gray.
70	4070						65.0-86.0 ft. SANDSTONE; fine to medium grained, thinly bedded, moderately soft and friable, calcareous cement, dark brown to light gray, slight petroleum odor.
80	4060						86.0-88.0 ft. SILTY SHALE; slightly fissile, gray, calcareous.
90	4050				Sump/End Cap		Total Depth 88 ft.
100	4040						
110	4030						

*Stoller-GJO*

**U.S. DEPARTMENT OF ENERGY**  
GRAND JUNCTION OFFICE, COLORADO

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